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6/17/98

Vpk 6554-6

Dear Doc:

Re: Equipment for L Bldg.

I have examined what I think are the requirements for film handling equipment at "L" Bldg. and would like to make the following recommendations.

One Viewing Table. My thought is that the viewing table should be flexible enough to handle any film width from 70mm to 9 1/2". Since no complications or expense are introduced by making it capable of handling 10" diameter spools, the film capacity will be 1800' of thin base or 1000' of standard base. By the simple additions of spool dollies (or A frames) at either end, it will handle full rolls for any project presently known or contemplated. The viewing surface would be long enough for a complete "C" frame and I believe this is long enough to accommodate all projects. Sliding masks would be provided to block out light when narrow films are used.

The above would result in a very flexible table furnishing many years of service. Because everything about it is special, the cost is estimated at \$1800 to \$2000 for the first unit.

Two Splicers. (One for 70mm, one for 5".) These would be designed to use mylar tape. For operation in the dark we do not recommend trying to make a universal splicer. Each splicer would consist of a bed plate with alignment guides, film hold downs, guillotine type knife and tape holder. The entire assembly would be mounted on rubber suction cup feet with universal joints so that it could be utilized on any shape surface.

We estimate the cost of these at \$500 each.

Cradles. The simplest device for holding spools upright is still probably the cradle lined with sponge rubber. It would have to be high enough to accommodate large spools with small film loads. Although you probably need one for each spool width, they would be made of wood and would cost only \$50 to \$100 each.

Rewind for Removal from Cassette. It is easy to design a good rewind for any width film to be mounted on a dolly or even an A frame. And this would work fine when the equipment is not mated and buttoned up. If this has to be done after final assembly and

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the film removed through the cover plate, the film path seems quite complicated to me and I would like to look the problem over again if this is what you had in mind. A fully mounted rewind would probably run about \$800.

If you wanted this work done against JP-635, additional funding would be required but it can be authorized against PQ-660 which already has separate job numbers for the A and C projects.

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